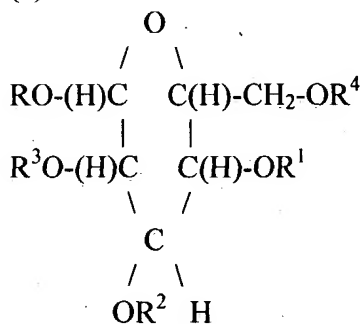


Claims;

What is claimed;

1. A process for conditioning hair and skin which comprises contacting the hair and skin with an effective conditioning concentration of a composition conforming to the following:

(a)



wherein;

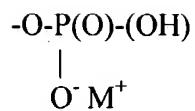
R is alkyl having 8 to 22 carbon atoms;

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> are independently selected from the group consisting of



and H, with the proviso that R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> are not all H;

R<sup>12</sup> is selected from the group consisting of -OH,

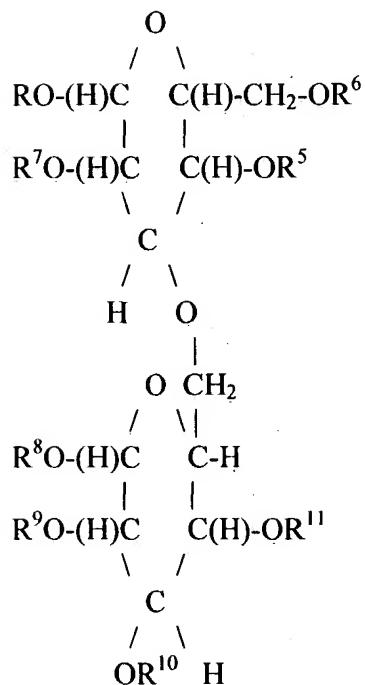


$\text{-SO}_3^- \text{M}^+$  and  $\text{SO}_4^{= 2 \text{M}^+}$ ,

M is selected from the group consisting of Na, K,  $\text{NH}_4$ ,

and

(b)



wherein;

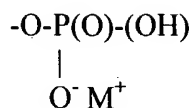
R is alkyl having 8 to 22 carbon atoms;

$\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$  and  $\text{R}^4$ ,  $\text{R}^5$ ,  $\text{R}^6$ ,  $\text{R}^7$ ,  $\text{R}^8$ ,  $\text{R}^9$ ,  $\text{R}^{10}$ , and  $\text{R}^{11}$  are independently selected from the group consisting of



and H, with the proviso that R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> are not all H;

R<sup>12</sup> is selected from the group consisting of -OH,



-SO<sub>3</sub><sup>-</sup> M<sup>+</sup> and SO<sub>4</sub><sup>=</sup> 2 M<sup>+</sup>,

M is selected from the group consisting of Na, K, NH<sub>4</sub>,

2. A process of claim 1 wherein R<sup>12</sup> is  $\begin{array}{c} \text{-O-P(O)-(OH)} \\ | \\ \text{O}^- \text{M}^+ \end{array}$

3. A process of claim 1 wherein R<sup>12</sup> is -OH

4. A process of claim 1 wherein R<sup>12</sup> is -SO<sub>3</sub><sup>-</sup> M<sup>+</sup>.

5. A process of claim 1 wherein R<sup>12</sup> is SO<sub>4</sub><sup>=</sup> 2 M<sup>+</sup>.

6. A process of claim 1 wherein M is Na.

7. A process of claim 1 wherein M is K.

8. A process of claim 1 wherein M is NH<sub>4</sub>.

9. A process of claim 1 wherein the effective conditioning concentration ranges from 0.01% to 25% by weight.

10. A process of claim 9 wherein R<sup>12</sup> is  $\begin{array}{c} \text{-O-P(O)-(OH)} \\ | \\ \text{O}^- \text{M}^+ \end{array}$

11. A process of claim 9 wherein  $R^{12}$  is  $-OH$
12. A process of claim 9 wherein  $R^{12}$  is  $-SO_3^- M^+$ .
13. A process of claim 9 wherein  $R^{12}$  is  $-SO_3^- 2 M^+$ .
14. A process of claim 9 wherein  $M$  is  $Na$ .
15. A process of claim 9 wherein  $M$  is  $K$ .
16. A process of claim 9 wherein  $M$  is  $NH_4$ .